**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 1 | 10/522610 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/07 15:30 |
| S2 | 11 | "1139275" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/07 15:30 |
| S3 | 12 | "1156411" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/07 15:33 |
| S4 | 2 | "2002131075" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/07 15:35 |
| S5 | 0 | "2002/131075" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/07 15:35 |
| S6 | 5 | "2002/0131075" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/07 15:35 |
| S7 | 2 | "20020131075" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/07 15:36 |
| S8 | 2 | "20010043365" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/07 15:37 |
| S9 | 34 | "5768488" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/07 15:38 |

| S10 | 2 | "5768488".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/07 15:38 |
|-----|---|---------------|------|-----|-----|---------|
| S11 | 6 | 01/77807 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/07 15:45 |
| S12 | 1 | 10/453686 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/09 16:35 |
| S13 | 7 | "0177807" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/07 11:11 |
| S14 | 8 | "01/77807" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/07 11:12 |
| S15 | 15 | "10024523" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/07 11:12 |
| S16 | 4 | "02093356" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/07 11:14 |
| S17 | 0 | "10477662" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/07 11:16 |
| S18 | 1 | "10/477662" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/07 11:16 |
| S19 | 9929 | "707"/$.ccls. and (data near5 stream) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/07 13:52 |
| S20 | 1 | S19 and (enhance$3 improve$3 advance$3 reform$3) with (finish$3 near5 command$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/07 13:58 |

| S21 | 1 | S19 and (enhance$3 improve$3 advance$3 reform$3) with (sub$1 adj range$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/07 13:58 |
|-----|---|---|---|---|---|---|
| S22 | 1 | S19 and (enhance$3 improve$3 advance$3 reform$3) with (sub$1 near5 range$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/07 13:59 |
| S23 | 1 | S19 and (enhance$3 improve$3 advance$3 reform$3) same (sub$1 near5 range$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/07 13:59 |
| S24 | 60 | S19 and (enhance$3 improve$3 advance$3 reform$3) and (sub$1 near5 range$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/07 13:59 |
| S25 | 2 | "5982997".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/07 14:08 |
| S26 | 11 | ("5228118" \| "5267047" \| "5319754" \| "5367643" \| "5469545" \| "5504928" \| "5537550" \| "5537626" \| "5592683" \| "5727220" \| "5768488").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/07 14:18 |
| S27 | 2 | "6137967".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/15 12:40 |
| S28 | 2 | "6119117".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/26 14:10 |
| S29 | 12 | 2002/0097407 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/26 14:17 |
| S30 | 1991 | (print) near6 data near8 stream | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/26 15:40 |

| S31 | 124 | S30 and ("AFP") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/26 15:41 |
| S32 | 85 | S31 and ("XML" "PPML" "PCL" "PS") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/26 15:41 |
| S33 | 12 | S32 and (formdef near8 file) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/26 15:42 |
| S34 | 204664 | data near8 stream | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/26 15:54 |
| S35 | 294 | S34 and ("AFP") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/26 15:54 |
| S36 | 213 | S35 and ("XML" "PPML" "PCL" "PS") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/26 15:55 |
| S37 | 12 | S36 and (formdef near8 file) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/26 15:55 |
| S38 | 17 | S36 and (formdef ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/26 15:55 |
| S39 | 204853 | data near8 stream | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/28 19:26 |
| S40 | 295 | S39 and ("AFP") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/28 19:26 |
| S41 | 119 | S40 and ("XML" "PPML" "PCL" ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/28 19:26 |

| S42 | 12 | S41 and (formdef near8 file) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/28 19:26 |
| S43 | 16 | S41 and (formdef ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/28 19:26 |
| S44 | 2 | (resouce near4 structure $2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/28 21:04 |
| S45 | 445 | (resource$1 adj structure $2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/28 21:05 |
| S46 | 7 | (resource$1 adj structure $2) near2 file | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/28 21:05 |
| S47 | 1 | (non$1 adj resource$1 adj structure$2) near2 file | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/28 21:07 |
| S48 | 1 | (non$1 adj resource$1 adj structure$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/28 21:07 |
| S49 | 11 | "1139275" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/01 14:14 |
| S50 | 729 | "707"/$.CCLS. AND "358"/$.CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/03 17:46 |
| S51 | 448 | (resource$1 adj structure $2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/03 17:46 |
| S52 | 0 | S50 AND S51 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/03 17:46 |

| S53 | 205281 | data near8 stream | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/03 17:47 |
| S54 | 295 | S53 and ("AFP") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/03 17:47 |
| S55 | 214 | S54 and ("XML" "PPML" "PCL" "PS") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/03 17:47 |
| S56 | 4 | S50 AND S55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/03 17:47 |
| S57 | 2257 | (input near4 format near4 file) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/16 19:37 |
| S61 | 5596 | (finish$3 near5 command$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/16 19:41 |
| S63 | 1614 | (input near3 format near3 file) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/16 19:43 |
| S64 | 5 | (input near3 format near3 file) and (finish$3 near4 command$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/16 19:44 |
| S70 | 108 | (input near3 format near3 file) and (format near3 definition$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/16 20:35 |
| S71 | 31 | S70 and (variable near3 data) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/16 20:36 |
| S72 | 3 | S71 and (finish$3 with command$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/16 20:36 |

| S73 | 1 | S70 and (callable near5 group$s) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/16 20:45 |
| S74 | 1 | S70 and (callable near5 group$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/16 20:46 |
| S75 | 1 | S63 and (callable near5 group$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/16 20:46 |
| S76 | 3 | (assign$3) near5 (finishing near4 command$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/16 20:48 |
| S77 | 5 | (assign$3) with (finishing near4 command$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/16 20:48 |
| S78 | 14 | (assign$3) same (finishing near4 command$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/16 20:49 |
| S79 | 14 | (assign$3) same (finishing near4 command$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/19 23:27 |
| S80 | 1 | S79 AND (MO:DCA) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/19 23:27 |
| S81 | 45 | (input near4 (file data format)) with ("AFP' (advance adj function adj presentation)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 13:54 |
| S82 | 28 | S81 and (map$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 13:55 |
| S83 | 0 | 707/101.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 14:04 |

| S84 | 98542 | "707"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 14:05 |
| S85 | 0 | 2001/043352 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 15:25 |
| S86 | 4 | "2001043352" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 15:25 |
| S87 | 2 | "20010043352" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 15:26 |
| S88 | 98542 | "707"?$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 17:02 |
| S89 | 98542 | "707"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 17:02 |
| S90 | 68409 | "358"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 17:03 |
| S91 | 10464 | "90" and S90 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 17:03 |
| S92 | 798 | S89 and S90 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 17:03 |
| S93 | 0 | S92 and (output with format with formdef ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 17:03 |
| S94 | 0 | S92 and (output with formdef ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 17:03 |

| S95 | 604 | S92 and (output sameformdef ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 17:03 |
| S96 | 0 | S92 and (output same formdef ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 17:04 |
| S97 | 3 | (output with format with formdef ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/25 17:04 |
| S98 | 1846 | (la adj rosa)-ducato.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 16:37 |
| S99 | 0 | ((la adj rosa)-ducato).in. and (torsten-clausen.in.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 16:38 |
| S100 | 0 | (torsten-clausen.in.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 16:38 |
| S101 | 2 | clausen-torsten.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 16:39 |
| S102 | 2 | (clausen-torsten.in.) and (mach-(cam adj hung).in.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 16:40 |
| S103 | 0 | (clausen-torsten.in.) and (mach-(cam adj hung).in.) and (ducato-rosa.in.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 16:41 |
| S104 | 2 | (clausen-torsten.in.) and (mach-(cam adj hung).in.) and (ducato-(la adj rosa).in.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 16:41 |
| S105 | 4286 | oce.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 16:41 |

| S106 | 3 | S105 and (resource adj structured) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 16:42 |
| S107 | 96 | (insert$3 put$4) with (finish$3 near4 command $2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 16:48 |
| S108 | 4 | S107 and (document near4 data near4 file) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 16:49 |
| S109 | 0 | 707/101.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 17:04 |
| S110 | 103182 | "707"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 17:04 |
| S111 | 0 | "707"/10.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 17:04 |
| S112 | 0 | "707"/101.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 17:04 |
| S113 | 0 | "707"/527.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 17:06 |
| S114 | 70057 | "358"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 17:06 |
| S115 | 813 | S110 and S114 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 17:06 |
| S116 | 0 | ("707"/104.1).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 17:07 |

| S117 | 192 | S115 and (enhance$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 17:08 |
| S118 | 5 | S115 and (enhance$4 with print with data) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/13 17:08 |
| S119 | 3 | 10/477972 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/14 09:59 |
| S120 | 0 | ((insert$3 put$4) with (finish$3 near4 command $2) with (generat$3 creat $3) same (map$4 with (document near5 file))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/14 10:39 |
| S121 | 0 | ((insert$3 put$4) with (finish$3 near4 command $2) with (generat$3 creat $3) same (map$4 with (document near5 file))). clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/14 10:40 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S122 | 0 | ((insert$3 put$4) with (finish$3 near4 command $2) with (generat$3 creat $3) same (map$4 with (document near5 file))). clm. | USPAT; UPAD | OR | ON | 2010/07/14 10:40 |
| S123 | 0 | ((insert$3 put$4) same (finish$3 near4 command $2) with (generat$3 creat $3) same (map$4 with (document near5 file))). clm. | USPAT; UPAD | OR | ON | 2010/07/14 10:40 |
| S124 | 0 | ((insert$3 put$4) same (finish$3 near4 command $2) same (generat$3 creat $3) same (map$4 with (document near5 file))). clm. | USPAT; UPAD | OR | ON | 2010/07/14 10:40 |

**7/15/2010 11:10:53 AM**
**C:\ Documents and Settings\ hkassa\ My Documents\ EAST\ Workspaces\ 10522610.wsp**